A Gissortation The effects Abstinence The prevention and Eure of John D. Price avmitted march lott 1024

intitle : unjecter Hisan tal man thelefs a me know that of it wany ser hath of it there have made main main market pained: to be hade!

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So many different Theories on the subject of Animal life have been maintain ed by men whose talents & apportunities entitle them to the greatest respect, that it may now with some confidence be conjectured that like Perpetual Motion it is a matter beyond the ken of mortal man fully to comprehend. Nevertheless a correct Theory on this subject might go very for towards facilitating our knowledge of the cure of the deranged state of its several functions: and so long as any remain, who secon to tread the path of ignorance or error, merely because others have tradden it before them, it is to be hoped that this dark corner in science may yet receive illumination, to the praise of some genius of brighter mould: this the influences of Him alone who is the author of life & Source of all wisdom.

the with not vapor ly, or with alls the fir body having tent & a ? under its se believe imly a m

It is not material to the investigation of the subject now attempted, that every particular respecting the method of our existence should be fully understood. Whe ther with Heraclites & Parmenides & Flippo we believe that a fairy principle in the shape of an invisible fleed or exhalation - or office or of vapour animates the machine: On whether with Tythagoras we think that a detachment from the great anima munde, or with Plato that a plastic nature half soul & half body, or with Aristotle that a principle, which he calls the first entelection of the natural organic body having three faculties a nutritive, a sentient & a rational one - has the living powers under its direction: Whether with Epicerus we believe the principle of life & intelligence is only a modification of matter, or with the great Heppocrates & others we contino for a posis an anima - a Tressa - a callidum innatum - a ra-

tances, & whicitation Comewhat. Schall con tate-for ? the trisib In ousters the vario restor, wh titule hear tended to . the cons. With the in tink there tional soul - a vis insita vel nervea - or even for the Vis medicatrix nature of Dr. Callen. still the same observation holds good what ever opinion we adopt viz. That there is a something in living matter which separates it in toto from all inanimate such stances, & this something requires constant solicitation to cause it to unfold its properties Somewhat on the plan of the great Dr. Rush I shall consider life a solicited or coaxed state for the continuance of which in an ac tive & visible form a constant out ply of pro per sustenance is demanded - agreeably to the various appetites implanted by our Creator, which duly & properly satisfied con stitute health, & unduly or improperly at. tended to, wink into disease, which, I should rather consider a forced or unnatural state, With the ingenious Franklin, I certainly, think these appetites in our present condition

uteem ef weloping fores of ac the vin of win brea would not & milkintended of

defraved I oraving much more than near sary, requiring in youth the restraint of superiors I in adult age the steady rein of reason to keep them in due subjection. Nevertheless I cannot in any wise agree with those who consider nowrishment the stime ulus inducing Death. It is true some animals have lived we know not how long in impenetrable cavities distitute of all that we esteem exertical to active life . I seeds we know may exist for an indefinite period - without developing their living germ. Yet for the pur poses of active life, however depraved may be the instinctive appetite of an infant, this the sin of its parent, most certainly the all. wise breator, who does nothing in vain would not have provided a breast to afford it milk & all the varied apparatus for di gestion & nowishment - had it not been intended that useful, visible life should be our

ease: the Remedy s "Man 4 umilarly ach & oth food & po surent of heart. The throws it by its expo againes or fitted to pow of the body

tained in this marmer. It doubt less the ex up of stimules, or the improper use of necessary sustenance, which induces dis. case: the mode therefore in which stim ulus operates in bringing on disease will best introduce the moders operandi of the

Remedy now proposed.

"Man & other warm blooded arimals are similarly & wonderfully made. The storm. ach & other organs associated with it, by the agency of their respective juices, dipolve the food & pour its nectritions qualities into the current of the blood which is returning to the heart. The heart receives this mixture and throws it into the vefsels of the lungs, where by its exposure to the atmospheric air, it acquires new properties & returns to the heart fitted to produce the secretions, to contribute to the growth & nourishment of every part of the body, to which it is immediately car-

to overy 1 Hoodvefse other. Jo. - ation of riods of g nutritions incefrar of existens "The sule ment to a farina, s water, & an ries by the arteries. Detaility on life which seems to be sested in the basin to its appointages, puts this whole apparates in motion to communicates its influences to coary part of the system, that the main, the dismont of the nearly bearing, the hearing the hearing the bearing the continuation, for mitteely dependent on cook other. Jointly they produce the continua-

ation of life. "Beginning have their limited perrods of growth, materiety, I decay. Simple nutritions food, pure air, I rest, are all that in necessary to perfect the first, pictory the second, I to render transpule the third offy of existence."

"The substances which afford nowishment to animals are vayar, starch, glue farina, mucilage, vegetable acids, wil water, & animal matter. These simple et.

tary & no of swallow prove offe sch, inter en effort They see I'm perform then appete which is ea

counts are compounded in a variety of ways in the substances used for food, & are sometimes found mixed with other ingredients highly deleterious to animal life. To enable us to choose our food with vafety, the benevolent treator made the senses of seeing, hearing, smelling, I taste, capable of distinguishing between the salu tary & norious. Until these guards have be come vitiated, there is but little danger of swallowing poisons inadvertently. If in any instance this does happen, they prove offensive to the news of the storn ach, intestines, glands, or blood repels, & an effort is made to expel them by vom iting, sweating, or the other emunctories. In perfect health all the organs perform their respective functions with case: the appetite craves nothing but simple food which is easily digested, I converted into blood;

an atten "Stimue all those Carming they are a) signed of w. sucise aids the circulation & corporate and mental vigour distinguishes the hap.

"Mhat interrupts this delightful condition produces pain, languou, b'all the maladie that condition life, is, most frequently an alternate to improve on the disign of nature, to processed pleasure from point or mature, to proceed pleasure from for bidden freits.

"Stirmulants (pepper, spices, billies, and all those things which are commonly commoned strongthoung it wholesome, become warning to the stormach) on accommentated the form, destroy the organization of life; more delicated they blister; undered still weeker, they only provides somarting area weaker, they only provides somarting area increases the evanouth of the part to while they are applied. When applied to parts, the object of which is to occurre juices, for open

stantly the skin stomack ture to vame /

cial purposes in the animal economy, they increase the quantity & vitiate the quality, of such vecretions. To illustrate this we need only refer to their operation on the eye. The delicate coats of this organ are in stantly inflamed; the mild & bland fluid which washes & tubricates it in heary becomes so corrosives that it even blisters the skin, if suffered to new over the cheek any length of time. In like manner, pepper, for example, an article extensive by used in modern cookery, increases and vitiates the secreted juices of the mouth & stomach. There juices are provided by na. ture to dipolor & digest the food. In the same proportion that they love their na tural qualities, the powers of digestion are lepened. When this happens from the use of timulants, a sensation resembling hunger is produced Consequently a larger

By the the no relish poison · tiated with so tire ? Water . · gent no will he Spirits that the

quantity of food is taken than can be perfect. by digested. Here we discover the prolific source of what are usually termed had humours, with all their attendant evils By this continued abuse of the stomach the natural appetite is distroyed. That whi was before offinsive is now most highly relisted. Simple food, that which is best suited to nowish & invigorate is lost the & rejected. an artificial appetite for other poisons is acquired; I he who has thus vitiated his taste will seldom be satisfied with such drinks as were disigned by na ture to satisfy every want of this kind. Water is tasteless; something acid, or pungent must take its place; I fortunate will he be, should he not resort to ardent Spirits in some form or other, to relieve that thirst which high seasoned food occasions. "Narcotics, or substances which populs in

toxicating Haces ye.) other otim they are a When tak produce a Foivacity. faculties ndinary they could in that sie some thing the system above its a out this be · Clent degre time carre

toxicating qualities (opium, ardent spirits. tobacco (c.) produce effects common with other stimulants on the parts to which they are applied. Their operation on the nervous system is still more injunious. When taken in moderate quantities "They produce a kind of artificial genius, vigou, I vivacity. They lift a man's intellectual faculties as well as his feelings, above their ordinary level. It if by the same means they could be kept for any length of time in that situation, it might constitute something like an apology for having had recourse to them. But the excitement of the system can in no instance be urged above its accustomed & natural pitch, with out this being succeeded by a correspondent degree of depression" When taken to exceps, pleasurable sensation is for a whort time carried to its highest elevation.

But se Med deline in rapid & of body &s smriety, &. worts aga vame roses follows . It blitching Smooth exh of nations, Elysium opens round, . A pleasing fungy beings the lightness soul, But soon this Heaven is gone."

Wild delirium, loss of voluntary motion. stupor, sleep, nausca, & vomiting, follow in rapid ouccepsion. To this more or less fever accompanied by shivering, inactivity of body I mind, pain in the head, thirst, anxiety, & other symptoms of indirect de bility, succeed. To relieve such distrepsing complaints, the deleded sufferer, too often resorts again to the deceitful potion. The same round of joy & madnifs & distrep follows. Itill he is not weared from the bewitching oup, till the powers of life are almost exhausted, when by a wise provision of nature, the hitherto delicious poison be--comes so loathsome & offensive, that it can no longer be retained in the stomach: the system is therefore from necepity allowed

in regard t Haltho afe may ocen your, the who do not Juch is naturally taken in us of the Hence n The mo mer just de take place in some measure to recover it impaired inergies. There is however no impredence in regard to health which does not tell? I although a fet of intoxication a man may seem to resort all his former via your, the event will probably prove that he has fast a slice of the constitution. There for you to soffer most in the even who it not appear to soffer immediate by from every act of indiscretion."

Just is the operation of every outstone naturally calculated to support life if taken in quantities too great for the powers of the stomach to conquer & digest.

Hence may easily be inferred

The modes operande of Abstinence:

For whenever disease is induced in the manner just detailed, no recovery can popilly, take place, twhile additions are continually manner made to the acting cause of the

complains refeber to interruptio m the fla tions of AL their vigor state of que application In most of tim, our where the In all dise by to attend sums to a complaint. Abstinence, here acts like the original to the Street which prevents any interruption to the workmen employed in its upair, or more properly like the Splent on the flactured limb which keeps it at ast which the power of nature are effecting the case. It allows the exhausted from time of the degreet was appearatus to recover their rigories to energy, pay affording that state of quickeys so necepary for this purpose or every part of the body.

application to the cure of Diseases.

In most of the diseases of the disease of yellow, our assencedy claims the precommence over over others. More aspecially in those where the retornach is principally affects. In all diseases, it is thought best general by to attend to the indications of matter or order over to promote that object, which the seems to aim at in obtaining stephenoly.

Hence # 4 vomites wint to a the latter . distrefred words he He comme aterne - 6 he oftened for two da

Hence the lostling of food, the nauna, I vorniting in Dyspepsia, Sick head achet. point to abstinue as a certain means of immediate relief, & a very probable one of permanent ourse. With respect to the latter of the two diseans mentioned, who beyond all doubt originates in the storm -ach, I have the testimony of a respecta - ble gentleman residing near Baltimore in favour of our romedy. He informed me that he had been for several years much distrifted by a frequent return of this com plaint, from which no remedy afforded him any relief. at length, to use his own words he determined on starving it away. He commenced by fasting single days at a time - I finding this not sufficient, he oftened abstained from all nowrishment for two days in succepion; so that at the dose of the second day, heaviger literally

listurbed Entalizing & Spreading complete his reiters ulf denis De Min secured to ris. The La beome so o that twice to do pena The Doctor return of abstinences

disturbed his sleep by producing the most tontalizing ducanns of leagurious feasing to preading the most alignet reports. Succep, however, complete of permanent, at length crowns his retreated allempts, it a temporary his retreated allempts, it a temporary and derivated allempts, it a temporary his retreated allempts, it as temporary and derivated allempts of the complaint has been experiences you years.

Or Mor Fire of this city has kindly furnished more with another can which occurred to himself, while exciding in An occurred to himself, while exciding in that become so anslaved to the Sich-Heat ache that twice in the week, she was obliged to do promous to this lungging Symul. The Doctor accommended antispating the action of his complaint by columbary actions of his complaint by columbary albertance. For two months this armody was properly, succeptful, I would doubt-

In all ; inflamm be madney timulation the surcha heome ret marid acti companies where the det one highly i nence shore measures / In Fevers mindispens less have effected a permanent ceres had it been entered upon with resolution of persisted in for any sufficient length of time.

In all than disease of the alimentary banal which arise from instation or inflammation of its membranes it would be madney to administer now inshort to be timelating food, until rest has allow the searcharge bloodnepols of the parts to become relieved of their load. For the increased action of any part is always accompanied by an increase from of blood. There in Depending on Pholosa Morhes the where the delicate membranes of the intesting when the delicate membranes of the intesting when the delicate the inflamed the intesting when the store the second party all the measures pursuit in their aces.

In Fovers of all kinds, our remedy becomes an indispensable handmail to the cracuating

testment. estate of 7. le to ada 9 Hence the r gever, but dop of dise win other diseases of 7 hould be a Leeding . pre indispensal shoust so or apart of the timercared nakened po treatment. Tever always originates in the alimentary canal - probably from an irritation of its mucous membrane by mi asma or some other deleterious bubstones To administer stimulus therefore in such a state of the stornach & intestines, would be to add fuel to the fire already kindled. Hence the maxim to very common, To starve a fever, but feed a cold. In the whole of this clap of diseases, as in all the Phlegmasia, or in other words, according to the lucid arrangement of our Professor, in all the diseases of the circulatory system, abstinue should be a very principal remedy While bleeding purging &c. are excellent & after indispensable means of cure, they either exhaust so much of that, which is to become a part of the stamina of life, or so irritate to increased action & wear out, the already weakened powers of the alimentary Canal,

life. By a Het is for the powers lop is west growth fo followed ? of death fo In thro they with bu remedy mur of this who had for

that a great Prostration of strength is the immediate consequence & a lapof constitutional vegorie rensibly felt the life. By using our remady, the wishedfur affect is province this more slowly, & the powers of the constitution are rather improved, than injurial at any rate no loss is resultance except the retailed to be followed by a postponement of the how of stath for as many months.

In thronic catarih - where the stormach has become inflamed, this sympathy with the original seat of the complaint Our remay promises to be of service. In farour of this reggestion I have the testime ony of a guithman of my acquaintance who had for some time been much of Infly by the cough of Theyor incident to the complaint. At my recommendation

fory con accordin tion of the Bropsy He. of there ve suriliary , in his Mea actly in p duced by 7 ded A voo. he tried for a short time entire abstinence from which he experienced an immediate berry considerable relief.

according to the general rule, that the arterial & obsorbent systems are in the inverse ratio of each other; our remedy is especially useful in promoting the ac tion of the absorbert vepels. Hence in Dropsy te. where it arises from weaknep of there vepels, abstinence comes in as an auxiliary for effecting a cure. Dr. Rush in his Medical inquiries relates a case ex-- actly in point. To satisfy my self (says he) that an increased discharge of water in a case of which he had been reading) was produced by the fasting only, I recommen-- ded it soon after I read the account, to a gentlewoman, whom I was then alten ding in an ascites. I was delighted with the effects of it. Her wine which before

mounte rine, tho last exper ther case case so a here is too Inductive uly emple had certa efficacy is Geresence The body. wous diet I weak sta

had not exceeded a half a print a day arrounted to two Quarts on the day she fasted. I repeated the same precaution once a week for several weeks, & each time was informed of an increase of u. rine, the it was considerably less in the last experiments than in the first. Two other cases are related by the Boctor to the same affect. But Dropsy is a discase so aft to proceed from some organic derangement that our remedy here is too uncertain to be relied on; and productive of certain mischief if improp erly employed. Be this as it may, I have had certain I repeated experience of its efficacy in very speedily removing little exercisences of the face & other parts of The body. On the same principle a gen-- crows diet is recommended to those in low I weak states - where sloughs are to be

thown of the abs us of life. mion by 4 the pate slow die In the oc tu cympa mach 4 s is. Hence to reduce to dy will o en entire. In the The brain cl

thrown off-lest the too rapid action of the absorbents should depress the pow ers of life. Thus also in wounds, where union by the first intention is desired If the patient is any way plethoric, a low diet is one of the most impor. tant means of effecting the object. In the cutaneous diseases, so great is the sympathy existing between the sto. - mach & skin, that acrid humours in the former, created by intemperance, are thrown directly on the latter & vice ver -sa. Hence where it is all-important to reduce the eruption speedily as in cases of confluent small-pox &c. no rem edy will be more likely to succeed than an entire abstinence from nourishment. In the Sensitive system, our remedy comes in for a large share of attention. The brain clogged & infeebled by a Plethore

of its blow stupidity Lunger. 6 feetly to 1 swant of bility con of success. ways for organited.

of its bloodrepels is immediately relieved from a state bordering on Coma & entire stupidity by severe fasting; indeed nothing is more common than keening, Jacuteness proberbially connected with hunger. Every student knows the affect produced on his memory & judgment by a hearty dinner: and every drunk. and is a daily witness of the debilitating & stupefying affect of daily & nightly in toxication. The newes also encumbered by excep of fat I blood, are unable so per feetly to perform their functions; hence a want of sensibility, or a morbid inita bility comes on, to remove which nothing can excel our remedy for certainty of success. In frequent experiments which There made on this outject - I have always found the powers of the mind invigorated - nervous initability removed,

ystem 6 3. Rush i sproper o the Yells this long ! that he a souble fa 3. Trotter vous terry instances of Nervou the doubt diseases of timulus; by abstir among aptern, G.

and tone Genergy restored to the whole system by an occasional entire abstinum Dr. Rush in recommending abstinence as a proper caution during the time of the Yellow fever of 1793, remarks that thre long fasting, the nerves of his fin. gus had acquired so acute sensibility, that he was enabled to distinguish with double facility the pulse of his patients. Dr. Trotter in his excellent work on the new vous temperament, has adduced many instances of his succepful treatment of Nervous diseases on this principle; I he doubts not that most if not all the diseases of this class arise from excepsion stimulus; and hence are to be treated toy by abstinence.

Among the disorders of the muscular system, Gout most undoubtedly demands the prompt & long continued application

with all get state hange of exercise & of life; a - He object umedy / utary ter diseases of low the whatits a customed most acre of our removey. Brought on generally by hexeurious living, it is alterned with all those symptoms of a decanged date of the stormach of bowels which so clearly indicate to regain a change of living. Observe patients, can be brought to submit to the remainder of tipe; a perfect cause is generally per duced. To hastin to amount this desire the object a frequent aportion of our remains for premium to be of a most sale utary tendency.

I few remarks on its application to diseases of the generative system shall close the present head. It is a fact well known that in Asia, where one man cohabits with many wires, they are accustomed to administra to him, the most acred I stimulating articles of

with see umedies fail of s only time of giving by of cours ty on wh on the put sperimen would brig.

diet, to produce a more frequent return of their enjoyments & it is said, with seecesp. There in their decodyly distriping diseases, Satyrianis & Nympho mania, I should conjunction with other remedies would mant likely seldom fail of seecesps. Abstinance would not only turd to depun the occretion of the conveniently invitating cause of the discases but it would also have the effect of giving tome to the system the expectaly of countracting that extreme consistable.

Experiment.

It remains for me now to state the immediate effect of the Remidy proposed on the pulse of vystem generally. My last experiment has produced the following results big. Thursday Och 28- ate a hearty

sbelock P. cup of wa pulse 6, +5-74 a hart 10 pe fue from of stretchis head & too ward eve In the of flow of s whausted_ Leep muc feating w

dinner & felt about as well as usual at 5 Oclock P.M. pulse 96 weak & small in vol. ate 1/4 of usual supper & walked 2003 miles at 10 Julie 75 of natural strength & volume. Slept as usual. Friday - half part 7 drank a cup of warm sweetined water - at half part 9 pulse 67 at 11-64 at 1-75 at 3-74/2 at 5-74 at 6 drank as in the morning at half part 10 pulse, very weak & fluttering - head free from pain or dulnes - but a sensation of stretching vomething, extended this my head & towards the stomach - which toward evening felt somewhat uneary. In the afternoon & evening of Friday & morning of Saturday - there was a constant flow of Saliva. My strength was much exhausted this I took no exercise - I my sleep much disturbed: dreamed as usual of eating very heartily. Break - fast on Satur - day immediately restored my strength & spirite.

Remedy as on extraora The an " often followe ded in modern dispute, thees of prolon old age travel in mediated

A few words on the efficacy of our Remedy as a Prophy lactic, & Thave done. The necessarily simple diet of the an tediluvian Patriarchs, has been assign ed as one reason out of many for the extraordinary age to which they lived. The ancient Jus surely would not so often have practiced it as a religious rite, & the christians so generally have followed their example - had not some thing salutary been originally inten ded in its observance. Instances, of modern date, which more pretend to dispute, are recorded where absternious diet has matched the greatest debau. chees from the very jaws of death I prolonged their libes to an extreme oldage. Horrer also it is said, can travel much better, without eating, im - mediately before setting out.

buvest a mend &: In doubted ted to his From the to to, woo other sou four ston ten for the muscular with the best the best off the way of the performan life.

My first Preceptor D. I. Trecker of Murling ten from a resident of this citiz) was in the habitual practice of abstaining from Jood to prevent an exprested attack of ecchnely, a practice which D. Prech used to recommend to the follow himself: I from who he southed not that many years were added to his life.

From the various armideration more detacles, I consolive that a weekly or month by repotition of the practice just ablesed to, would enable us as it were to kep within soundings, as to the healthy obtain of our stomach, I would lay the foundation for that tone of more I solidity of muccular fibre, which would create us with the beforing of Heaven, offictually to keep off the attacks of disease, I qualify us to perform aright our various duties, in life.